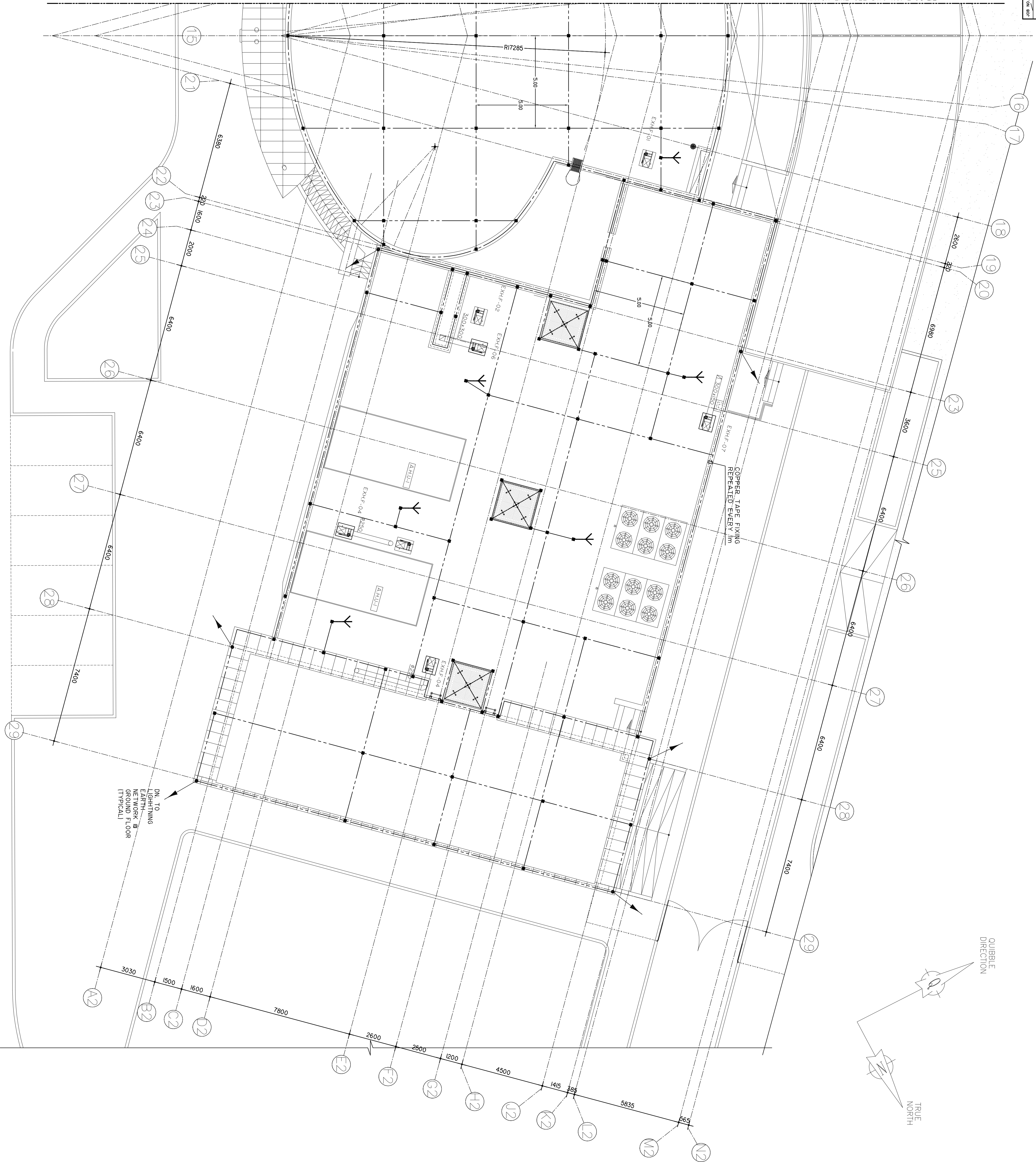


MATCH LINE SEE DWG NO. E-06-212



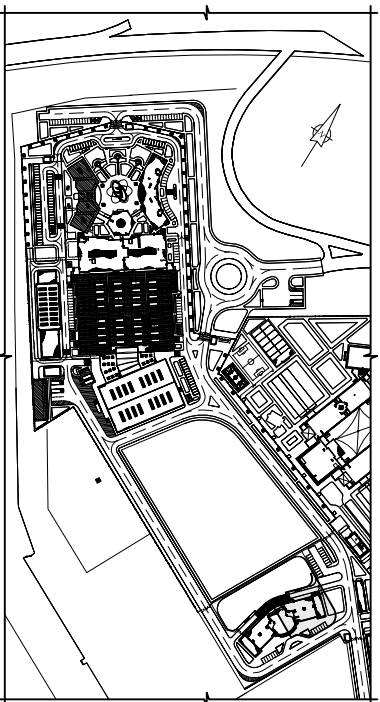
REFERENCE DRAWINGS	
LEGEND - GENERAL NOTES	DWG NO.
GENERAL DETAILS (SHEET 1/2)	E-06-201
GENERAL DETAILS (SHEET 2/2)	E-06-202
GENERAL DETAILS (SHEET 3/2)	E-06-203

LEGEND:-

SYMBOLS	DESCRIPTION
+	3000mm DEEP 40mm CL-CLAD STEEL ELECTRODE
+	ENDED BY EARTH PIT AND TEST CLAMP POINT (TYPICAL)
---	3000mm COPPER TAPE HORIZONTAL AIR TERMINAL
---	FIXED ON TOP OF ROOF PARAPET
Y	MACHINE PROTECTION VERTICAL AIR TERMINAL (HIGHER THAN MACHINES HEIGHT AS REQ. BY BS EN 62305)
---	700mm STANDARD SOFT DRAWING COPPER
■	PURPOSE MADE CROSS CONNECTION CLAMP
□	COPPER TAPE FIXING AT 1m INTERVALS
—	THERMOWELD

NOTES:

1. LIGHTNING PROTECTED NETWORK SHALL BE IN ACCORDANCE WITH BS EN 62305. SHOULD A SINGLE LAYOUT SHOWN IN THIS GUIDANCE ONLY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE COMPLETE LIGHTNING PROTECTION SYSTEM WITHOUT ANY COST IMPLICATION ON THE CONTRACT.
2. ALL VERTICAL PROTECTION INCLUDING MASTS, ANTENNAS, A/C EQUIPMENT, HAND RAILS ETC. SHALL BE PROTECTED BY AN ADJACENT AIR TERMINAL. CONDUCTOR HIGHER THAN MACHINE HEIGHT BOUNDED TO THE AIR TERMINATION NETWORK OF LIGHTNING PROTECTION SYSTEM.
3. ALL POWER, TELEPHONE, DATA AND OTHER ELEVATED CONDUCTORS SHALL BE PROTECTED BY A SURGE PROTECTOR. THE BUILDING SHALL BE PROTECTED FROM TRANSIENT OVER VOLTAGE CAUSED BY LIGHTNING PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH BS EN 62305.
4. THE EARTH RESISTANCE FOR LIGHTNING PROTECTION SHALL NOT EXCEED 10 OHM.



KEY PLAN

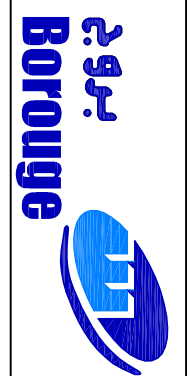
CLIENT :



DATE	BY	REVISIONS
01/07/2014	01	ISSUED FOR TENDER
01/07/2014	02	APPROVED FOR CONSTRUCTION

PROJECT : BOROUGE INNOVATION CENTER
IN ABU DHABI
AGREEMENT NO.15984D - PROJECT NO.5984

END USER :



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PIPE ACADREMY BUILDING
LIGHTNING PROTECTION LAYOUT PLAN
TOP ROOF - PART 2

SCALE	JOB NO.	DWG NO.	REV. NO.
1/100	194	E-06-213	0